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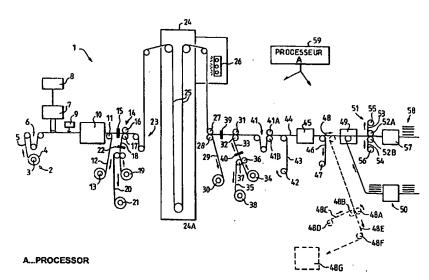
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[Suite sur la page suivante]

- (54) Title: METHOD FOR SERIAL PRODUCTION OF SECURE DOCUMENTS AND MACHINE THEREFOR
- (54) Titre: PROCEDE DE REALISATION EN SERIE DE DOCUMENTS SECURISES ET MACHINE DE MISE EN OEUVRE



(57) Abstract: The invention concerns a method which consists in: serial recording on a photosensitive tape (5) of a succession of volume holograms each respectively concerning an information of a corresponding document to be made secure, each of said holograms being accompanied by an identification and positioning code printed on the same film; developing (7) and fixing (10) the resulting recorded holograms and simultaneously printing (50) the identity documents with their individual identification codes which are the same as those of the respective corresponding holograms, adding an adhesive to the holograms after they have been fixed, and bonding each hologram together with the corresponding document after verifying that their respective identification codes are matching.

🖣 (57) Abrégé: Le procédé de l'invention consiste, d'une part, à enregistrer en série (7) sur une bande de film photosensible (5) une succession d'hologrammes de volume relatifs chacun respectivement à une information d'un document correspondant à sécuriser, chacun de ces hologrammes étant accompagné d'un code d'identification

[Suite sur la page suivante]

WO 2004/005038 A1



- (74) Mandataires: CHAVERNEFF, Vladimir etc.; THALES Intellectual Property, 13, avenue Président Salvador Allende, F-94117 Arcueil Cedex (FR).
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En ce qui concerne les codes à deux lettres et autres abréviations, se référer aux "Notes explicatives relatives aux codes et abréviations" figurant au début de chaque numéro ordinaire de la Gazette du PCT.

et de positionnement imprimé sur le même film, à révéler (7) et à fixer (10) les hologrammes ainsi enregistrés, et d'autre part à imprimer en même temps (50) les documents d'identité avec leurs codes d'identification individuels qui sont les mêmes que ceux des hologrammes correspondants respectifs, à ajouter un adhésif aux hologrammes après leur fixation, et à assembler par collage chaque hologramme avec le document correspondant après vérification de la concordance de leurs codes d'identification respectifs.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41M3/14 B42D15/10 G03H1/02 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) B41M B42D GO3H IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) WPI Data, PAJ, EPO-Internal C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to daim No. Citation of document, with indication, where appropriate, of the relevant passages Category ' 1,6 WO OO 53423 A (AMERICAN BANK NOTE Α HOLOGRAPHIC) 14 September 2000 (2000-09-14) page 3, line 16 -page 5, line 6 1,6 FR 2 780 915 A (BREGER EMBALLAGES SA) Α 14 January 2000 (2000-01-14) page 2, line 37 -page 3, line 19 page 14, line 31 -page 16, line 4 figure 2 US 5 948 199 A (MCGREW STEPHEN PAUL) 1,6 Α 7 September 1999 (1999-09-07) column 1, line 50 -column 2, line 17 column 3, line 39 -column 4, line 14 figure 1 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but "A" document defining the general state of the art which is not considered to be of particular relevance cited to understand the principle or theory underlying the invention 'E' earlier document but published on or after the international "X" document of particular relevance, the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or document published prior to the international filling date but later than the priority date claimed *&* document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 18/03/2003 12 March 2003 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,

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